

USWA COLLEGE ISLAMABAD



ENTRY TEST 2025

Class 8

Timing: 9:00 am to 12:30 pm

Name	
Roll No.	
Centre	

	Maths	Science	English	Urdu	Total Marks
Obt.Marks					

Signature Invigilator

Signature Candidate

USWA COLLEGE ISLAMABAD

Entry Test - March 2025

English 8th

Marks: 60

Name _____ Father's Name _____ Roll No. _____

Centre _____ Signature of the student _____

Note: All parts are to be answered on the question paper itself. Deleting/overwriting is not allowed. Do not use lead pencil.

Q1. Rearrange the words to make sentences. (5)

i. patient/ the / already / had/ passed away

ii. Has been/ me /who/ calling /for/ minutes/ ten.

iii. upon / look / not /we/ down/ poor / the.

iv. at /looking/straight/ he said/he/ her / the / that/ couldn't help her.

v. Should/ trees / more / plant/people?

Q2. Change the voice. (5)

i. Who was reading *Atomic Habits*?

ii. Where should I build the new house?

iii. We can turn this dream true.

iv. The passenger didn't hear the announcement.

v. Accomplish the task.

Q3. Change the Gender of the following words: (6)

Man_____

Steward_____

lord_____

Sir_____

host_____

Bachelor _____

(5)

- The teacher said, “Why did you not attend the class yesterday?”
-
- Rizwan said, “Can you help me accomplish this task?”
-
- He asked me, “What do they do for a living?”
-
- She said, “ What a pity we have lost the final!”
-

(6)

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

(07)

- i. Five miles_____long distance. (is / are / were)
- ii. The level of pain tolerance _____from person to person. (vary / varies / varying)
- iii. Either Rose or Jerry _____broken the glass. (has / have / are)
- iv. The Olympics _____held every four years. (is / are / has)
- v. Slow and steady _____the race. (win / wins)
- vi. Neither the pilot nor the attendants gave_____opinion about the mishap. (his / her / its / their)
- vii. If anyone of the sisters needs ride, _____may call me. (he / she / they)

Q7. Write a letter to your friend inviting him to spend the holidays with you. Try to explore some of the tourist attractions at your locality/village/city. (08)

[illegible]

Q8. Read the following paragraph and answer the questions given below:

(5)

"The city of Lahore is known for its rich cultural heritage. The city has a long history dating back to the Mughal era. The Lahore Fort, also known as the Shahi Qila, is a famous landmark in the city. The fort was built by the Mughal emperor Akbar in the 16th century. Today, the fort is a popular tourist destination and a symbol of Pakistan's rich cultural heritage."

Questions:

i. What is the city of Lahore known for?

ii. Who built the Lahore Fort?

iii. What is the Lahore Fort also known as?

iv. When was the fort built?

v. What is the Lahore Fort a symbol of?

Q.9. Translate any FIVE of the following into English:

(05)

(1) ہم ہر روز صبح سویرے سیر کے لیے جاتے ہیں۔

(2) کیا تم نے اپنا گھر کا کام مکمل کر لیا ہے؟

(3) وہ کل شام سے تیز رفتاری سے گاڑی چلا رہا تھا۔

(4) استاد نے جماعت میں اہم اعلان کیا۔

(5) بچوں کو شور نہیں مچانا چاہیے۔

Q10. Write an essay on ONE of the following topics in about 150- 200 words.

a. The importance of Education

b. The benefits of regular exercise

(8)

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

USWA COLLEGE ISLAMABAD

Entry Test – March 2025

Marks: 60

Class 8th

Paper Mathematics

Name _____ Father's Name _____ Roll No. _____

Centre _____ Signature of the student _____

NOTE: Calculator is not allowed.

(SECTION - A)

MCQS

(i) $\frac{3}{2} - 2 - (-3) =$

- (a) $\frac{5}{2}$ (b) $\frac{1}{2}$ (c) $-\frac{4}{2}$ (d) $\frac{1}{2}$

(ii) the ratio of cats to dogs seen by a vet in a day is about 2 to 5. If a vet saw 40 animals in one day, about how many were dogs?

- (a) 5 (b) 12 (c) 29 (d) 40

(iii) $(\sqrt{1.21})$ is equal to

- (a) 1.1 (b) 2.1 (c) 1.2 (d) 0.1

(iv) GST on the milk powder worth Rs. 500 @ 17 % is

- (a) Rs 85 (b) Rs 75 (c) Rs 78 (d) Rs 100

(v) The simplified form of $(a + b) - (a - b)$ is

- (a) 4ab (b) 2a + 2b (c) 2b (d) 2a

(vi) Which one is the subset of W

- (a) Z (b) N (c) Q (d) all of these

(vii) The coordinates of the point (x, 0) when translated 2 units to left and 1 unites up are

- (a) (x+2, 1) (b) (x-2,- 1) (c) (x+2, -1) (d) (x-2, 1)

(viii) $(-2, \frac{-1}{2})$ is the solution of,

- (a) $-x - 2y = 0$ (b) $-x + 4y = 0$ (c) $x + 4y = 4$ (d) $-2x - \frac{y}{2} = 0$

(ix) Sum of measure of exterior angles of any polygon is

- (a) 180^0 (b) $(n - 2) 180^0$ (c) 90^0 (d) 360^0

(x) A wheel has a circumference of 22 cm. what is its diameter?

- (a) 21 cm (b) 14 cm (c) 3.5 cm (d) 7 cm

(SECTION – B)

ATTEMP ALL QUESTIONS

Q:1 Radius of a circular stage is 5 cm. what is the cost of cementing the stage at the rate of Rs 100 per square metre.

Q:2 Construct a triangle XYZ such that $\overline{XY} = 5.4cm$, $\angle X = 75^\circ$, $\angle Y = 60^\circ$.

From Z draw perpendicular on \overline{XY} and measure the length of this perpendicular

Q:3 Solve the simultaneous equation ;

$$(x+y) = \frac{2}{5}(x-y)$$

$$3x + 11y = 4$$

Q:4 factorize :

(i) $3y^2 + 5y + 2$

(ii) $t^2 + 4t - st - 4s$

Q:5 The sale price of a table is Rs 9360 including sale tax @ 17%. Find the original price of the table.

Q:6 Evaluate $\sqrt{(0.5)^2 - (0.4)^2}$

(SECTION – C)

Attempt all questions.

Q:1 simplify :

(i) $(2x - 1)(x + 3) - (4x - 2)(6x + 1)$

(ii) $(\frac{x}{2} + 7)$ is three times of $(\frac{x}{5} + 2)$. Find the value of x

Q:2 Diameter of a circular garden is 280 m.

- (i) What is the circumference of the garden?
- (ii) What is the coat of a barbed wire around the garden at the rate of Rs 7 per meter?
- (iii) If we have another wire costing Rs 10,560 in total, what should be the rate per meter?

USWA COLLEGE ISLAMABAD

Entry Test - March 2025

Science – 8th

Marks: 30

Name _____ Father's Name _____ Roll No. _____

Centre _____ Signature of the student _____

SECTION – A

Q1. MCQs (Choose the correct option)

(10)

1. The root system which can get water from deep underground source is ?
a. Fibrous roots b. strong roots c. Tap roots d. Root nodules
2. A team of climbers was climbing a high mountain when they reached near top they felt difficulty in breathing because at high altitude there is :
a. More oxygen b. More carbon dioxide c. Less oxygen d. Low temperatures
3. A new born baby has less immunity as compared to other people. The baby has only :
a. Innate immunity b. Adoptive immunity
c. Passive immunity d. Innate and Passive Immunity
4. When a new substance with properties different from the one with which it was formed, it is a :
a. Chemical change b. Physical Change c. Freezing d. Boiling
5. The nucleus of an atom contains:
a. Protons, electrons and neutrons b. Electrons and protons
c. Protons and electrons d. Protons and neutrons
6. Electrostatic attraction occurs between two :
a. neutral atoms b. ions of opposite charges
c. ions of similar charges d. bonded atoms
7. The mixture of solid and liquid is called a solution. What is the liquid called?
a. solute b. solvent c. suspension d. sediment
8. If a body covers equal distance in equal intervals of time, then speed will be :
a. increasing b. decreasing c. uniform d. zero
9. Sound waves cannot pass through :
a. Solids b. Liquids c. Gases d. Vacuum
10. The heat transfer that occurs due to a density difference in fluids is :
a. Conduction b. Radiation c. Convection d. Insolation
11. The percentage of fresh water on earth is not more than :
a. 2% b. 30% c. 20% d. 25%
12. Hertz (Hz) is the unit of :
a. Mass b. Loudness c. Energy d. Frequency
13. SI unit of force is :
a. Kilogram b. Second c. Meter d. Newton

Section – B

Q2. Attempt all 7 questions, each carries 2 marks.

- (i) Why base of cooking utensils is made of steel but handles are made of plastic?

- (ii) Why do we not hear sound caused by explosions on the sun?

- (iii) Define average speed and write its SI units.

- (iv) What is the difference between saturated and unsaturated solution?

- (v) Why is boiling of egg a chemical change and boiling of water is a physical change?

- (vi) How can you boost your immune system?

- (vii) What is photosynthesis? How is it important for human beings?

Section – C

Q2. Long question.

(6)

What is an atom? Describe the structure of an atom in terms of protons, neutrons and electrons. Explain with help of an example that atom is electrically neutral.

[illegible]

1: انٹرنیٹ: فائدے اور نقصانات
2: تندرستی ہزار نعمت ہے

[illegible]

ماضی مطلق:

اسم ضمیر:

05

سوال نمبر 3: درجہ ذیل الفاظ و محاورات کو جملوں میں استعمال کریں۔

صلح پسند:

اپنا الوسیدھا کرنا:

سبک دوش ہونا:

دنگ رہ جانا:

استفادہ:

05

سوال نمبر 4۔ (الف): مندرجہ ذیل الفاظ کے مترادف لکھیں۔

مشہور _____ آسمان _____ پانی _____

روشنی _____ آنکھ _____

05

(ب): مذکر کے مونث اور مونث کے مذکر لکھیں۔

اونٹ _____ دھوبن _____ مالک _____

معلم _____ ملکہ _____

05

(ج): دیے گئے سابقوں اور لاحقوں سے الفاظ مکمل کریں۔

_____ اُ _____ کم _____ ور _____

_____ مند _____ انگیز _____

05

(د): درجہ ذیل جملوں کی درستی کریں۔

1: میرے سر میں درد ہو رہی ہے۔

اسوہ کالج اسلام آباد

انٹری ٹیسٹ مارچ ۲۰۲۵ء

پرچہ اردو ہشتم

کُل نمبر: 50

نام طالب علم _____ ولدیت _____ رول نمبر _____

سنٹر _____ دستخط _____

05

سوال نمبر 1: درست جواب کی نشاندہی کریں۔

i۔ کنیت کی نشاندہی کریں۔

الف۔ ابوتراب ب۔ کلو ج۔ فیض د۔ شمس العلماء

ii۔ "علی شیر کی طرح بہادر ہے"۔ یہ جملہ کس کی مثال ہے؟

الف۔ استعارہ ب۔ تشبیہ ج۔ کنایہ د۔ مجاز مرسل

iii۔ "اکرم کھانا کھا رہا تھا"۔ اس جملے میں کون سا زمانہ پایا جاتا ہے؟

الف۔ ماضی مطلق ب۔ ماضی قریب ج۔ ماضی بعید د۔ ماضی استمراری

iv۔ کون سا لفظ سورج کے لیے استعمال نہیں ہوتا؟

الف۔ شمس ب۔ خورشید ج۔ ماہتاب د۔ آفتاب

v۔ ان میں سے سابلتے کی مثال کون سی ہے؟

الف۔ حاجت مند ب۔ ان پڑھ ج۔ طاقت ور د۔ گل دان

10

سوال نمبر 2: درجہ ذیل کی تعریف کریں اور دو دو مثالیں دیں۔

اسمِ آلہ:

اسمِ ظرفِ مکاں:

لقب: